

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027459.D
 Acq On : 22 Aug 2022 11:40
 Operator : SY/MD
 Sample : N4268-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 03:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

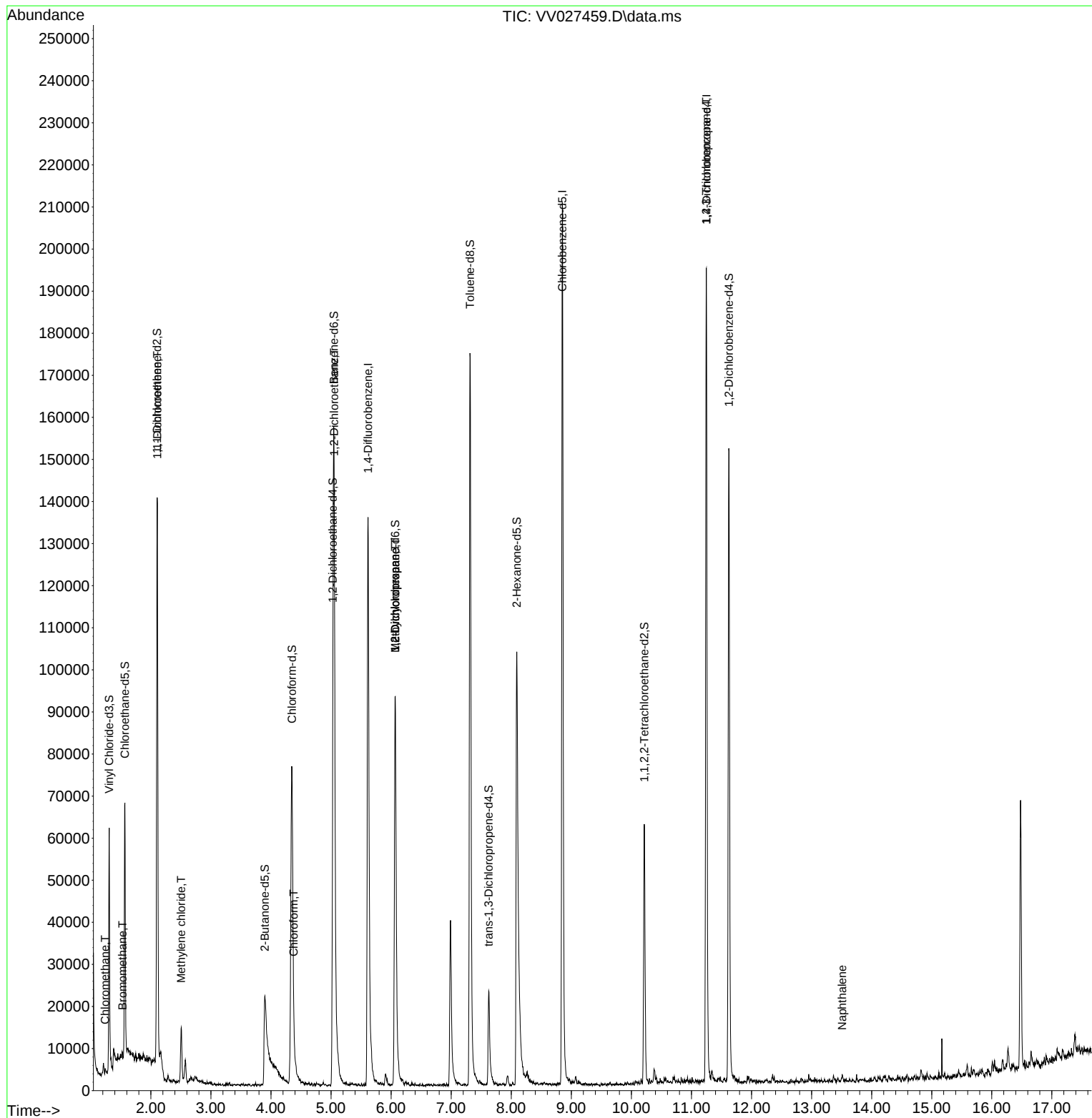
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	117653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40092	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	39003	6.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.800%
11) 1,1-Dichloroethene-d2	2.105	63	73096	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	3.899	46	37321	35.662	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.320%
24) Chloroform-d	4.349	84	83120	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.031	65	36953	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	153899	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.069	67	47178	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	123189	4.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.625	79	15152	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.091	63	43257	40.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30470	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	39345	5.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	552	0.050	ug/L	92
6) Bromomethane	1.529	94	658	0.121	ug/L #	63
12) 1,1-Dichloroethene	2.108	96	806	0.090	ug/L #	1
16) Methylene chloride	2.507	84	5653	0.419	ug/L	92
25) Chloroform	4.378	83	1585	0.076	ug/L #	58
27) 1,2-Dichloroethane	5.053	62	1015	0.096	ug/L #	74
35) Methylcyclohexane	6.066	83	11079	0.765	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5241	0.503	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	6433	1.454	ug/L #	65
71) Naphthalene	13.509	128	1217	0.099	ug/L #	82

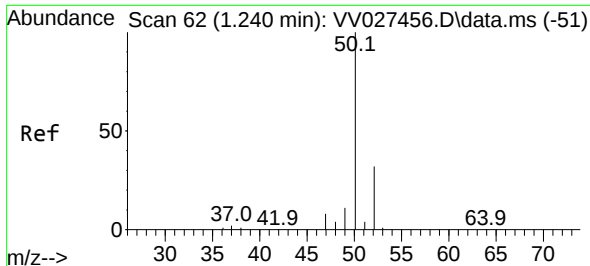
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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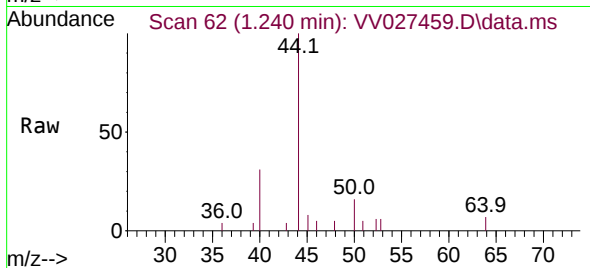
Quant Time: Aug 23 03:11:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
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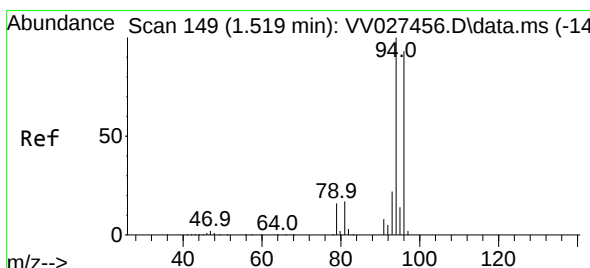
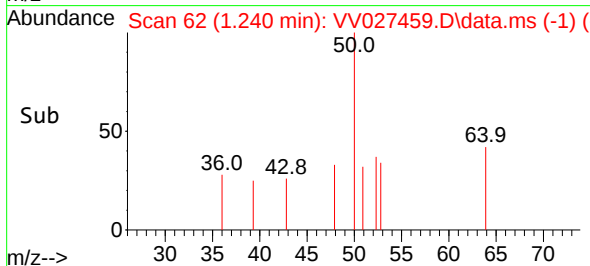
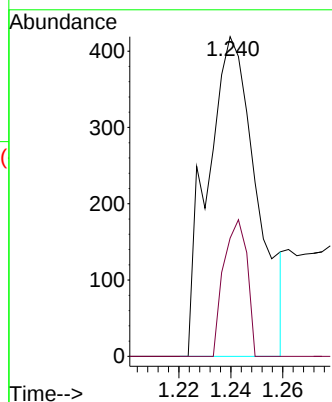


#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027459.D
Acq: 22 Aug 2022 11:40

Instrument :
MSVOA_V
ClientSampleId :

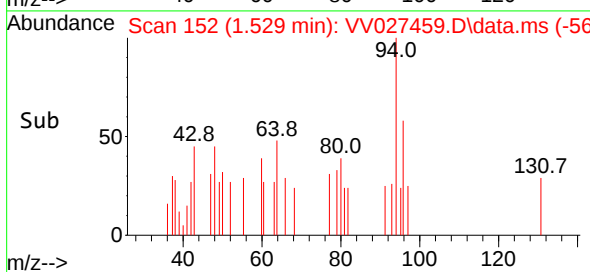
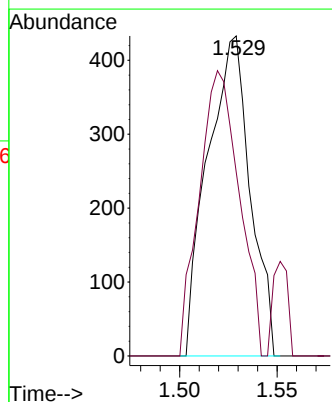
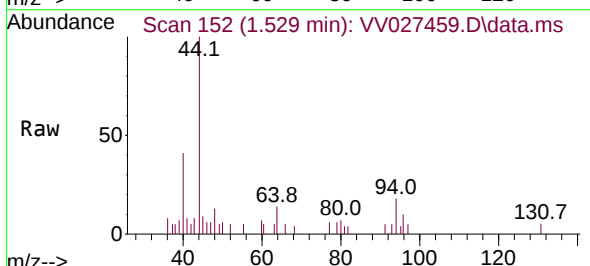


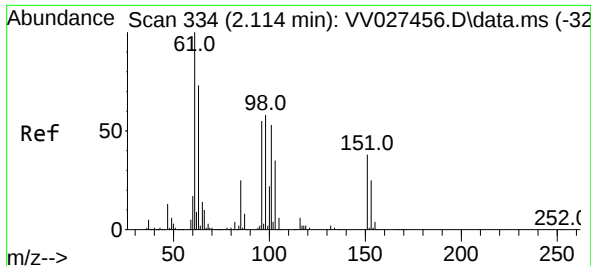
Tgt Ion: 50 Resp: 552
Ion Ratio Lower Upper
50 100
52 37.0 22.8 42.4



#6
Bromomethane
Concen: 0.121 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.010 min
Lab File: VV027459.D
Acq: 22 Aug 2022 11:40

Tgt Ion: 94 Resp: 658
Ion Ratio Lower Upper
94 100
96 57.5 65.2 121.0#





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

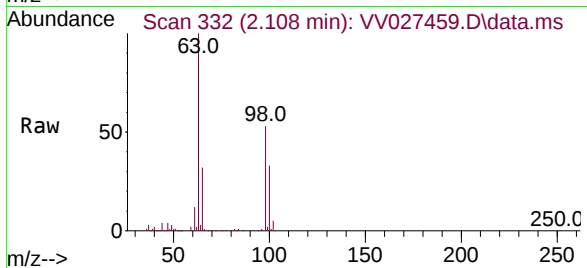
Lab File: VV027459.D

Acq: 22 Aug 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :



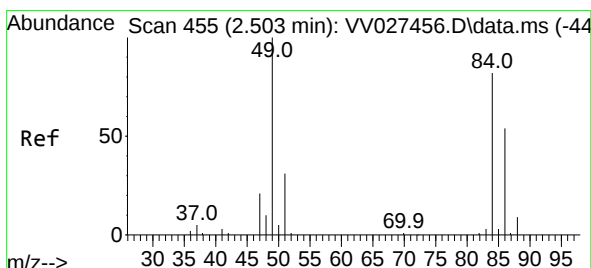
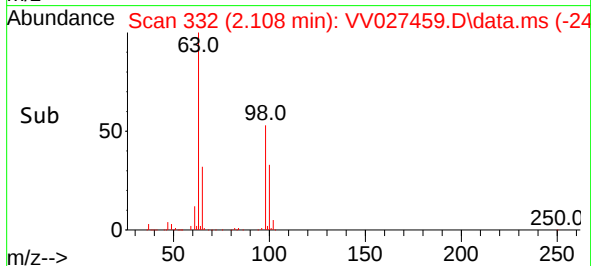
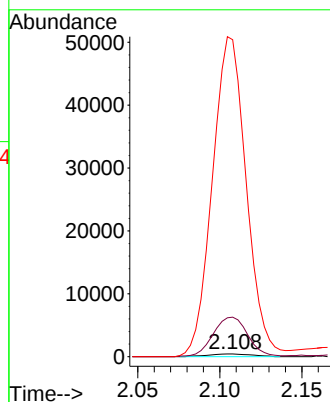
Tgt Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 1467.1 130.2 241.8#

63 11781.3 87.4 162.4#



#16

Methylene chloride

Concen: 0.419 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV027459.D

Acq: 22 Aug 2022 11:40

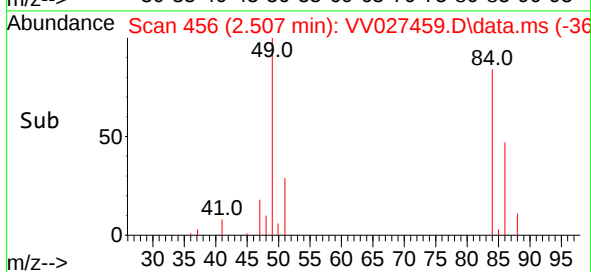
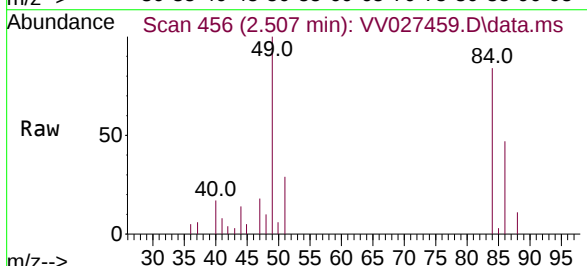
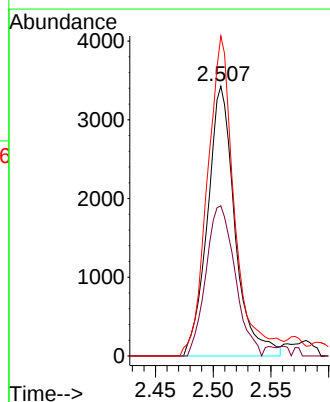
Tgt Ion: 84 Resp: 5653

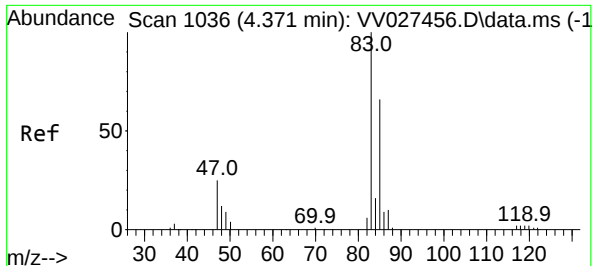
Ion Ratio Lower Upper

84 100

86 55.6 44.0 81.6

49 118.6 89.4 166.0





#25

Chloroform

Concen: 0.076 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027459.D

Acq: 22 Aug 2022 11:40

Instrument :

MSVOA_V

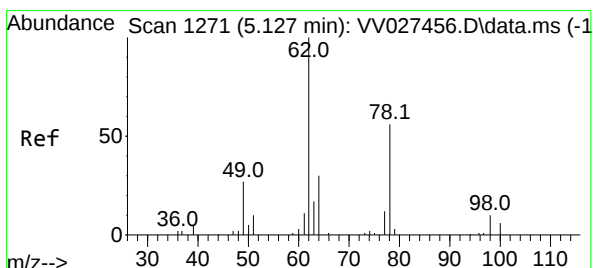
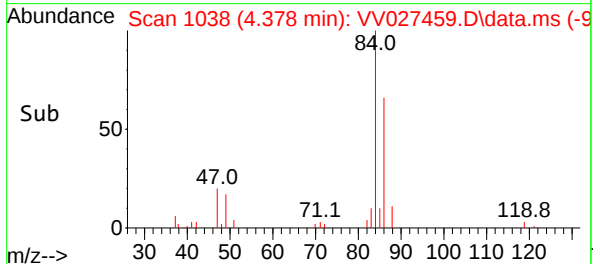
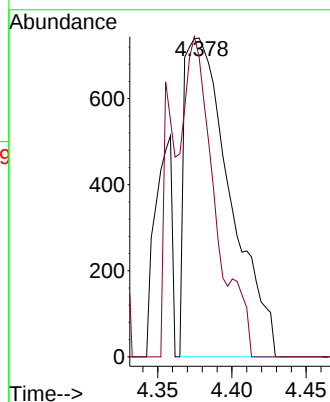
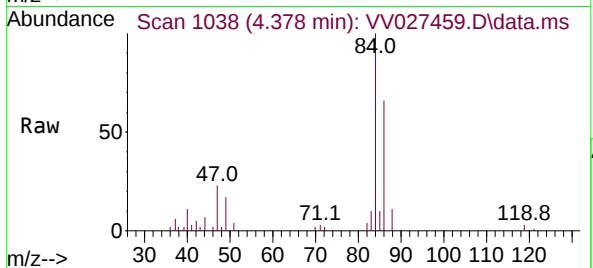
ClientSampleId :

Tgt Ion: 83 Resp: 1585

Ion Ratio Lower Upper

83 100

85 94.2 43.3 80.5#



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV027459.D

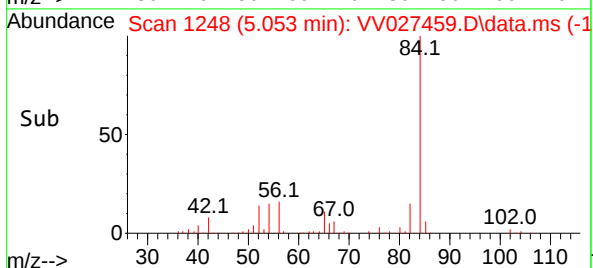
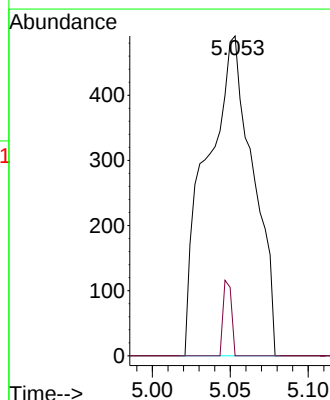
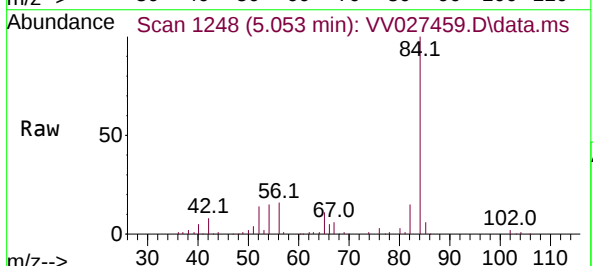
Acq: 22 Aug 2022 11:40

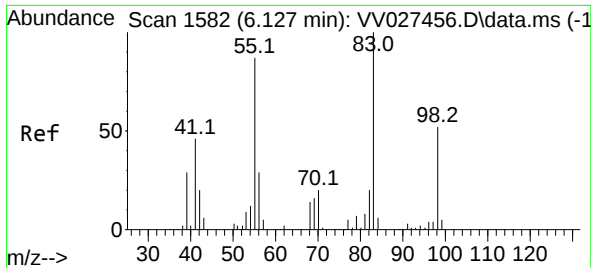
Tgt Ion: 62 Resp: 1015

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#

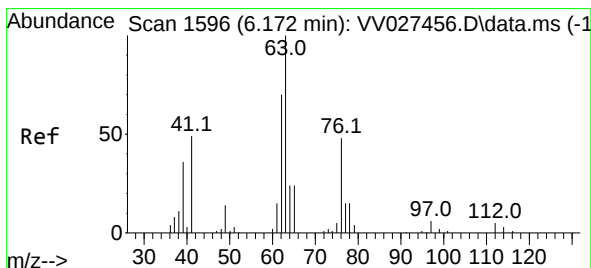
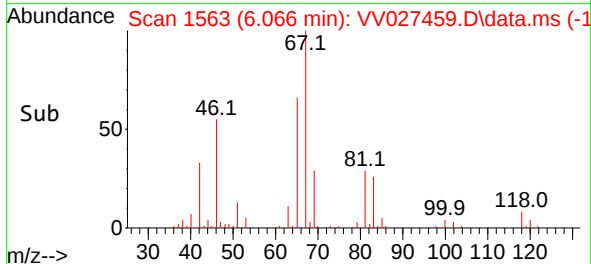
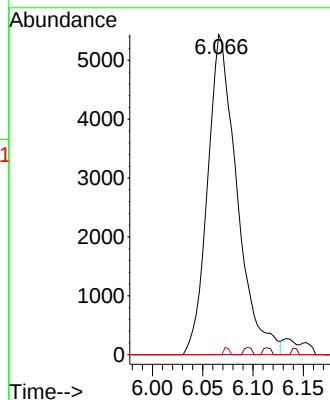
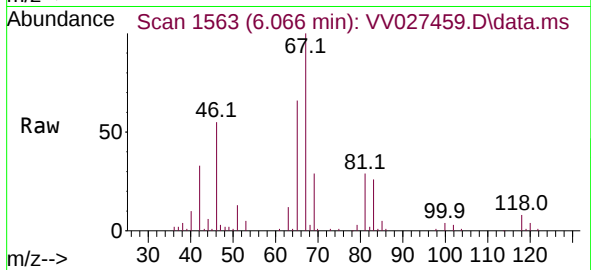




#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027459.D
Acq: 22 Aug 2022 11:40

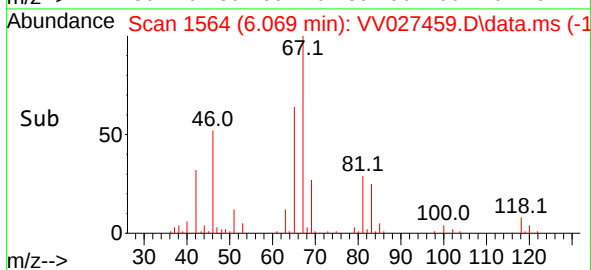
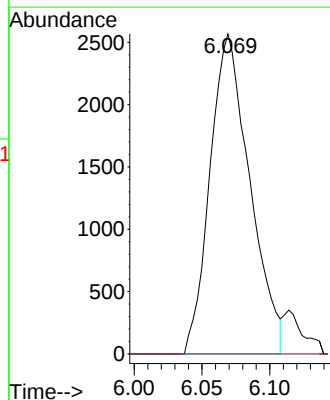
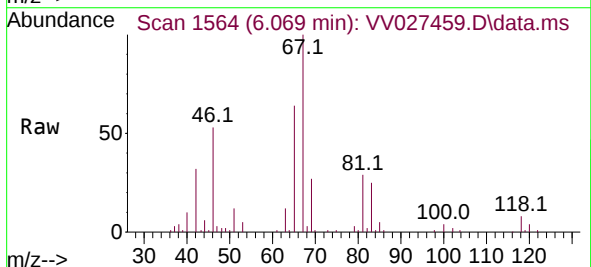
Instrument :
MSVOA_V
ClientSampleId :

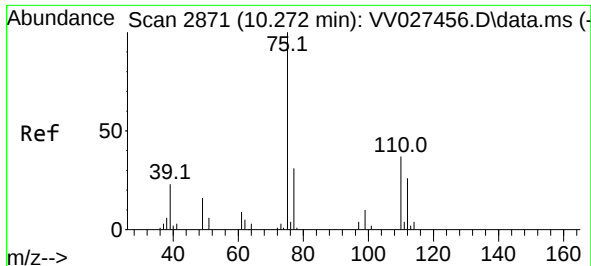
Tgt Ion: 83 Resp: 11079
Ion Ratio Lower Upper
83 100
55 0.6 68.2 102.4#
98 0.4 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV027459.D
Acq: 22 Aug 2022 11:40

Tgt Ion: 63 Resp: 5241
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#

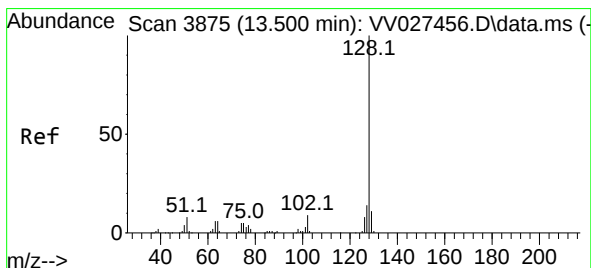
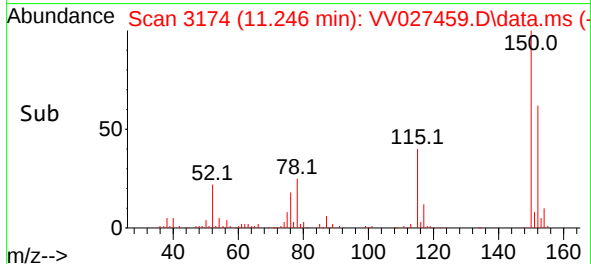
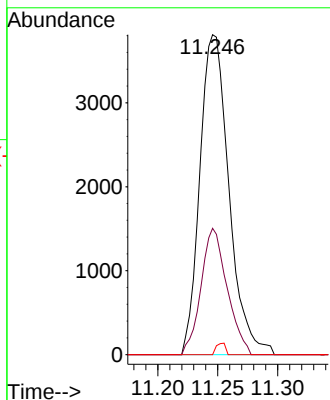
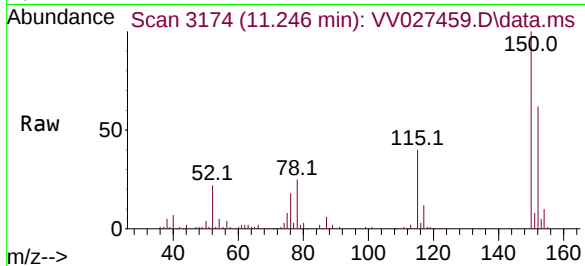




#61
1,2,3-Trichloropropane
Concen: 1.454 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV027459.D
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Instrument :
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Tgt Ion: 75 Resp: 6433
Ion Ratio Lower Upper
75 100
77 35.4 26.2 39.2
110 1.1 29.9 44.9#



#71
Naphthalene
Concen: 0.099 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV027459.D
Acq: 22 Aug 2022 11:40

Tgt Ion: 128 Resp: 1217
Ion Ratio Lower Upper
128 100
129 8.5 8.7 13.1#
127 1.6 10.4 15.6#

